

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

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| Application Number | 10569315 |
| Filing Date | 2008-04-28 |
| First Named Inventor | Gerard M. Housey |
| Art Unit | 1624 |
| Examiner Name | Ward, Paul V. |
| Attorney Docket Number | 00395/45 |

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|--|----|--|--------------------------|
| | 1 | GOHJI, K. et al., "Enhanced inhibition of colony formation of human renal cell carcinoma in soft agar by the combination of alpha difluoromethylornithine and recombinant gamma interferon." Cancer Res. (1986), Vol. 46, pp. 6264-6268. | <input type="checkbox"/> |
| | 2 | GOODMAN & GILMAN, The Pharmacological Basis of Therapeutics, 9th ed. (1996) Chapter 2. | <input type="checkbox"/> |
| | 3 | GOTO, R. et al., "Characteristics of D leucine uptake by mouse Ehrlich ascites tumor cells." J. Biochem. (1979) (Tokyo), Vol. 86, pp. 363-369. | <input type="checkbox"/> |
| | 4 | GOUSTIN, A.S. et al., "Growth factors and cancer." Cancer Res. (1986), Vol. 46, pp. 1015-1029. | <input type="checkbox"/> |
| | 5 | GROS, P. et al., "Chromosome mediated gene transfer of multidrug resistance." Mol. Cell Biol. (1986), Vol. 6, pp. 3785-3790. | <input type="checkbox"/> |
| | 6 | GUADAGNO, T.M. et al., "A link between cyclin A expression and adhesion-dependent cell cycle progression." Science (1993), Vol. 262(5139), pp. 1572-5. | <input type="checkbox"/> |
| | 7 | HAKOMORI, S., "Tumor associated carbohydrate antigens." Annu. Rev. Immunol. (1984), Vol. 2, pp. 103-126. | <input type="checkbox"/> |
| | 8 | HALLEK, M. et al., "Signal transduction of interleukin-6 involves tyrosine phosphorylation of multiple cytosolic proteins and activation of Src-family kinases Fyn, Hck, and Lyn in multiple myeloma cell lines." Exp Hematol. (1997), Vol. 25 (13), pp. 1367-77. | <input type="checkbox"/> |
| | 9 | HIBSHOOSH, H. et al., "Effects of overexpression of ornithine decarboxylase (ODC) on growth control and oncogene-induced cell transformation." Oncogene (1991), Vol. 6(5), pp. 739-43. | <input type="checkbox"/> |
| | 10 | HORI, M. et al., "Antibiotics Inhibiting Oncogene Functions." Gann Monograph on Cancer Research (1989), Vol. 36, pp. 193-201. | <input type="checkbox"/> |
| | 11 | HOUSEY, G. M., et al. "Isolation and nucleotide sequence analysis of cDNA clones from rat brain using oligonucleotide probes to protein kinase C and protein kinase A." In: Journal of Cellular Biochemistry, Supplement 10C: UCLA Symposia on Molecular & Cellular Biology, Abstract L95, Alan R. Liss, Inc., New York, p. 132, (1986). | <input type="checkbox"/> |

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| | 12 | HOUSEY, G.M., et al., "Isolation of cDNA clones encoding protein kinase C: evidence for a protein kinase C related gene family." Proc. Natl. Acad. Sci. USA (1987), Vol. 84, pp. 1065-1069. | <input type="checkbox"/> |
| | 13 | HOUSEY, G.M. et al., "Structural and functional studies of protein kinase C. Adv. Exp." Med. Biol. (1988), Vol. 234, pp. 127-140. | <input type="checkbox"/> |
| | 14 | HOUSEY, G.M. et al., "Altered Growth Control and Enhanced Morphologic Response to Tumor Promoters in Rat Fibroblasts Stably Overproducing Protein Kinase C." In: Journal of Cellular Biochemistry, Supplement 12A: UCLA Symposia on Molecular & Cellular Biology, (January 17-January 30, 1988), Abstract C224, Alan R. Liss, Inc., New York, p. 105. | <input type="checkbox"/> |
| | 15 | HSIAO, W.-L.W. et al., "Oncogene induced transformation of C3H 10T1/2 cells is enhanced by tumor promoters." Science (1984), Vol. 226, pp. 552-555. | <input type="checkbox"/> |
| | 16 | HSYU, P.H. et al., "Pharmacokinetics and cyclooxygenase inhibition of itazigrel in normal volunteers after single oral doses." J. Pharm. Sci. (1994), Vol. 83, pp. 1747-1750. | <input type="checkbox"/> |
| | 17 | HUISGEN, R. et al., "Diphenyl-nitrilimin und seine 1,3-dipolaren additionen an alkene und alkine." Tetrahedron (1962), Vol. 17, pp. 3-29. (in German with English abstract) | <input type="checkbox"/> |
| | 18 | INABA, M. et al., "Reversal of multidrug resistance by non antitumor anthracycline analogs." Gann (1984), Vol. 75, pp. 1049-1052. | <input type="checkbox"/> |
| | 19 | INGRAM, V.M. "Sequence Methods." Meth. Enzymol. (1963), Vol. 6, pp. 831-848. | <input type="checkbox"/> |
| | 20 | IKEDA, T. et al., "Anti-allergic and anti-inflammatory actions of 2'-(tetrazole-5-yl) 4-hydroxy-2-methyl-2H-1,2-benzothiazine 1,1-dioxide." Bioorg. Med. Chem. Lett. (1992), Vol. 2, pp. 709-714. | <input type="checkbox"/> |
| | 21 | JENG, A.Y. et al., "Phosphorylation of ras oncogene product by protein kinase C." Biochem. Biophys. Res. Commun. (1987), Vol. 145, pp. 782-788. | <input type="checkbox"/> |
| | 22 | JENKINS, F.J. et al., "Effect of ribavirin on Rous sarcoma virus transformation." Antimicrob. Agents Chemother. (1981), Vol. 19, pp. 364-368. | <input type="checkbox"/> |

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| | 23 | JUNG-TESTAS, I. et al., "Effects of steroid hormones and antihormones in cultured cells." <i>Exp. Clin. Endocrinol.</i> (1985), Vol. 86, pp. 151-164. | <input type="checkbox"/> |
| | 24 | KAHANA, C. et al., "Isolation of cloned cDNA encoding mammalian ornithine decarboxylase." <i>Proc. Natl. Acad. Sci. USA</i> (1984), Vol. 81, pp. 3645-3649. | <input type="checkbox"/> |
| | 25 | KAHANA, C. et al., "Nucleotide sequence of murine ornithine decarboxylase mRNA." <i>Proc. Natl. Acad. Sci. USA</i> (1985), Vol. 82, pp. 1673-1677. | <input type="checkbox"/> |
| | 26 | KAJIKAWA, N. et al., "Ca ²⁺ dependent neutral protease and proteolytic activation of Ca ²⁺ activated, phospholipid dependent protein kinase." <i>Methods. Enzymol.</i> (1983), Vol. 102, pp. 279-290. | <input type="checkbox"/> |
| | 27 | KAMATA, N. et al., "Growth inhibitory effects of epidermal growth factor and overexpression of its receptors on human squamous cell carcinomas in culture." <i>Cancer Res.</i> (1986), Vol. 46, pp. 1648-1653. | <input type="checkbox"/> |
| | 28 | KARTNER, N. et al., "Cell surface P glycoprotein associated with multidrug resistance in mammalian cell lines." <i>Science</i> (1983), Vol. 221, pp. 1285-1288. | <input type="checkbox"/> |
| | 29 | KARTNER, N. et al., "Detection of P glycoprotein in multidrug resistant cell lines by monoclonal antibodies." <i>Nature</i> (1985), Vol. 316(6031), pp. 820-823. | <input type="checkbox"/> |
| | 30 | KAVANAGH, T.J. et al., "Characterization of a human teratocarcinoma cell assay for inhibitors of metabolic cooperation." <i>Cancer Res.</i> (1986), Vol. 46, pp. 1359-1366. | <input type="checkbox"/> |
| | 31 | KIKKAWA, U. et al., "Protein Kinase C and the Mechanism of Action of Tumor Promoters." In Levine, A.J. et al. (Eds), <i>Cancer Cells 1: The Transformed Phenotype</i> , pp. 239-244. (Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y. 1984). | <input type="checkbox"/> |
| | 32 | KIRSTEIN et al. "Tumor necrosis factor stimulates proliferation of human gastosarcoma cells and transcription of Myc messenger RNA." <i>UCLA Symposia on Molecular & Cellular Biology Abstract D</i> 209, January 17-January 30, 1988. | <input type="checkbox"/> |
| | 33 | KLATZMANN, D. et al., "HIV infection: facts and hypotheses." <i>Immunol. Today</i> (1986), Vol. 7, pp. 291-296. | <input type="checkbox"/> |

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|--|----|--|--------------------------|
| | 34 | KLATZMANN, D. et al., "T lymphocyte T4 molecule behaves as the receptor for human retrovirus LAV." <i>Nature</i> (1984), Vol. 312(5996), pp. 767-768. | <input type="checkbox"/> |
| | 35 | KNOWLES, P.P. et al., "Purification of immunotoxins containing ricin A chain and abrin A chain using blue sepharose CL 6B." <i>Anal. Biochem.</i> (1987), Vol. 160, pp. 440-443. | <input type="checkbox"/> |
| | 36 | KOENIG, S. et al., "Detection of AIDS virus in macrophages in brain tissue from AIDS patients with encephalopathy." <i>Science</i> (1986), Vol. 233(4768), pp. 1089-1093. | <input type="checkbox"/> |
| | 37 | KOHLER, G. et al., "Derivation of specific antibody producing tissue culture and tumor lines by cell fusion." <i>Eur. J. Immunol.</i> (1976), Vol. 6, pp. 511-519. | <input type="checkbox"/> |
| | 38 | KOPROWSKI, H. et al., "Human anti idiotype antibodies in cancer patients: Is the modulation of the immune response beneficial for the patient?" <i>Proc. Natl. Acad. Sci. USA</i> (1984), Vol. 81, pp. 216-219. | <input type="checkbox"/> |
| | 39 | KRAFT, A.S. et al., "Overexpression of protein kinase C beta 1 is not sufficient to induce factor independence in the interleukin-3-dependent myeloid cell line FDC-P1." <i>Oncogene</i> (1990), Vol. 5(8), pp. 1243-6. | <input type="checkbox"/> |
| | 40 | KRAUSS, R.S. et al., "Disturbances in growth control and gene expression in a C3H/10T1/2 cell line that stably overproduces protein kinase C." <i>Oncogene</i> (1989), Vol. 4, pp. 991-998. | <input type="checkbox"/> |
| | 41 | KRONKE, M. et al., "Adult T cell leukemia: a potential target for ricin A chain immunotoxins." <i>Blood</i> (1985), Vol. 65, pp. 1416-1421. | <input type="checkbox"/> |
| | 42 | KRONKE, M. et al., "Selective killing of human T lymphotropic virus I infected leukemic T cells by monoclonal anti interleukin 2 receptor antibody ricin A chain conjugates: potentiation by ammonium chloride and monensin." <i>Cancer Res.</i> (1986), Vol. 46, pp. 3295-3298. | <input type="checkbox"/> |
| | 43 | KUCZEK, T. et al., "Tumor cell heterogeneity: divided colony assay for measuring drug response." <i>Proc. Natl. Acad. Sci. USA</i> (1987), Vol. 84, pp. 4490-4494. | <input type="checkbox"/> |
| | 44 | KUWANO, M. et al., "Techniques to reverse or circumvent drug resistance in vitro." <i>Prog. Clin. Biol. Res.</i> (1986), Vol. 223, pp. 163-171. | <input type="checkbox"/> |

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| | 45 | LANE, H.C. et al., "Qualitative analysis of immune function in patients with the acquired immunodeficiency syndrome. Evidence for a selective defect in soluble antigen recognition." N. Engl. J. Med. (1985), Vol. 313, pp. 79-84. | <input type="checkbox"/> |
| | 46 | LANE, H.C. et al., "Abnormalities of B cell activation and immunoregulation in patients with the acquired immunodeficiency syndrome." N. Engl. J. Med. (1983), Vol. 309, pp. 453-458. | <input type="checkbox"/> |
| | 47 | LANGER, R. "Controlled release of macromolecules." Chemtech (1982), Vol. 12, pp. 98-105. | <input type="checkbox"/> |
| | 48 | LASKY, L.A. et al., "Neutralization of the AIDS retrovirus by antibodies to a recombinant envelope glycoprotein." Science (1986) , Vol. 233(4760), pp. 209-212. | <input type="checkbox"/> |
| | 49 | LERNER, R.A. "Tapping the immunological repertoire to produce antibodies of predetermined specificity." Nature (1982), Vol. 299(5884), pp. 592-596. | <input type="checkbox"/> |
| | 50 | LESTER, H.A., "Heterologous expression of excitability proteins: route to more specific drugs?" Science(1988), Vol. 241(4869), pp. 1057-1063. | <input type="checkbox"/> |

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